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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **MURAYAMA, Kei, et al**

Group Art Unit: **2811**

Serial No.: **10/709,096**

Examiner: **Junghwa M. IM**

Filed: **April 13, 2004**

P.T.O. Confirmation No.: **3095**

For: **WIRING SUBSTRATE AND ELECTRONIC PARTS PACKAGING STRUCTURE**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(c)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 10, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached, together with a copy of the European Search Report.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the



documents cited in the attached Form ~~PTO-1449~~ be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

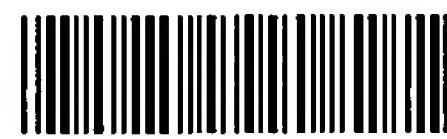
Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP



George N. Stevens  
Attorney for Applicant  
Reg. No. 36,938

GNS/nrp  
Atty. Docket No. 040169  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: European Search Reort  
PTO-1449  
References (12)  
Check for \$ 180.00



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 040169	Serial No. 10/709,096
	Applicant(s): MURAYAMA, Kei, et al	
	Filing Date: April 13, 2004	Group Art Unit: 2811

### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	2001/0023782 A1	Nakamura	9/27/01			
	AB	6,543,131 B1	Beroz et al.	4/08/03			
	AC	5,677,575	Maeta et al.	10/14/97			
	AD	6,041,495	Yoon et al.	3/28/00			
	AE	5,736,791	Fujiki et al.	4/07/98			
	AF	2003/0127747 A1	Kajiwara et al.	7/10/03			
	AG	2003/0001286 A1	Kajiwara et al.	1/02/03			

### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
	AH	EP 0 883 330 A1	12/09/98	EPO	
	AI	EP 1 361 612 A2	11/12/03	EPO	
	AJ				

### OTHER DOCUMENTS

	AK	“VIA RICH THIN FILM WIRING SCHEME FOR ELECTRONIC PACKAGING”, IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. New York, US, vol. 34, no.. 12, 1 May 1992, pages 85-86.
	AL	“IMPROVED JOINT STRENGTH, RELIABILITY AND COST”, IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP., New York, US, vol. 36, no. 10, 1 October 1993, page 275.
Examiner _____		Date Considered _____